Media Center Remote Control and Receiver/Transceiver

User Guide

(RC125, IR605/A, IR606)

INDEX

1. Introduction……2
2. Appearance……2
3. Features……3
4. Package Contents……3
5. System Requirements.....……3
6. Installation and Operation……4
7. Specifications……5
8. Key Definition……6
9. Troubleshooting……9
10. Appendix-Learning Function……10

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BM-RC125605606-FFL7

Introduction：

RC125 Media Center Remote Control with IR605/A Receiver/IR606 Transceiver is your best solution to control the MCE on your Desktop or Laptop. It is compatible with Microsoft® Windows® MCE certification and Green Button regulation. The easy connection between RC125 and IR605/A/IR606 makes your entertainment more joyful.

Appearance：

Media Center Remote Control: Model name RC125

US version for US region

EU version for EU region

Receiver: Model name IR605/A
Transceiver: Model name IR606

IR605/A Receiver

IR606 Transceiver

Features：

RC125 Remote Control

1. Microsoft® Windows® MCE certification and Green Button support
2. With all of the buttons and functions necessary for Microsoft® certification, including official Green Button.
3. Small USB dongle style receiver
4. Use standard Microsoft® drivers, no software to install.
5. It could wake the system from S1 or S3
6. Infrared Rays Frequency：38KHz；Infrared Rays transmission distance：7~10 meter

IR605/A Receiver

1. Receiver with USB Port, it's easy to connect with your computer
2. Support one indication LED for the system level interaction
3. Use in-box Windows® drivers
4. RC6 and MCIR keyboard protocols are supported
5. It could wake the system from S1 or S3
6. It consumes around 1.5mA in sleep mode

IR606 Transceiver

1. Small USB dongle type transceiver and easy to connect with your computer.
2. Support one indication LED for the system level interaction: blink during working mode and turned off during sleep mode.
3. Use in-box Windows® drivers.
4. Be able to use normal IR receiver to receive the signal from MCE remote control or MCE keyboard
5. Be able to use learning IR receiver to learn the signal from the remote control of set-top box. After finishing learning procedures, the MCE remote control (RC125) can replace the remote control of set-top box.
6. Be able to use transmitter jack to emit the signal to control set-top box.
7. It can wake the system from sleep mode.
8. It consumes around 1.5mA in sleep mode.

Package Contents：

- Media Center Remote Controller (RC125) x 1
- Receiver IR605/A (USB Port) x 1 or Transceiver IR606 (USB Port) x 1
- User's Guide
- AAA battery x 2
- USB cable x 1 (optional)
- Blaster cable x 1 (optional)

System Requirements：

- Intel® Pentium® 1GHz CPU or faster
- 512MB RAM or above (1G recommended)
- Desktop or laptop computer running Windows® Vista Home Premium or Ultimate
- USB Port; PC platform
- Graphics card capable of DirectX9

Installation and Operation：

1. **Battery Installation** -- Open the battery cover of the Remote Control and install 2 AAA batteries correctly.

2. **Receiver Installation** -- Plugging IR605/A receiver (with USB Port on it) into the USB port of your computer.

   (Optional) If your package comes with a USB cable, you can use the USB cable to bridge between your USB port and the IR605/A Receiver and then put the IR605/A Receiver in front of you to get a better signal transmission.

3. **Transceiver Installation** -- Plugging IR606 transceiver (with USB Port on it) into the USB port of your computer. If you have setup box (at most 2), please plug the cable of IR blaster into IR606 and paste the emitter of IR blaster on the IR receiver of setup box.

4. **Operation** -- Before you start to use it, please make sure the distance between RC125 Remote Control and IR605/A receiver/IR606 transceiver is under an effective range and the Remote Control aim at the IR receiver. You can use your Remote Control by pressing any key you want.

Specifications：

RC125 Remote Control:

- Operation Voltage：2.4V~3.2V；Battery：AAA battery x 2
- Power Consumption with input signal：< 450mA
- Infrared Rays Frequency：38KHz；Infrared Rays transmission distance：7~10 meter
- Remote Control size：45 x 185 x 24 mm
- Remote Controller Button Number：48 buttons

IR605/A Receiver:

- Receiver size: 43 x 22.1 x 16.2 mm
- Receiver Interface：USB Port
- Operation Voltage：4.75V~5.25V

IR606 Transceiver:

- Transceiver size: 48 x 48 x 19.3 mm
- Transceiver interface：USB Port
- Operation Voltage：4.75V~5.25V
- One normal IR receiver for receiving the signal from RC125 MCE remote control (long-range IR, 7~10 meters apart)
- One learning IR receiver for receiving the signal from set-top box remote control for learning (from 5 centimeters or less apart)
- Two transmitter jacks for connecting IR blaster to emit IR signal to control set-top box after finishing learning procedures

Key Definition：

No.	ICON	Function	Function Description
1		Start	Start the MCE
2		Power	Turn on/off the power
3	●	Rec	Record the TV program you are watching
4	■	Stop	Stop all the on going function
5	◄◄	Rew	Move backward
6	▶	Play	Run the function you want
7	►►	Fwd	Move forward
8	⏮	Skip Back	Jump back to the previous one
9	❚❚	Pause	Stop all the on going function temporary
10	⏭	Skip Fwd	Jump to the next one
11	⬅	Back	Go back to the upper function group
12	▦	Guide	Start the Guide function
13	◂	Left	Move to the left side
14	▸	Right	Move to the right side
15	📺	Live TV	Start the TV
16	OK	OK	Run the current pointed function
17	▲	Up	Move to the up side

No.	ICON	Function	Function Description
18		Down	Move to the down side
19		Videos	Start Videos Function
20		Music	Start Music Function
21		Radio	Start Radio Function
22		Pictures	Start Picture Function
23	+ −	Vol	Tune the volume up/down
24	+ −	Ch/Pg	Change the channel
25		DVD Menu	Open the DVD menu
26	Clear	Clear	Clear what you just input/choose
27	Enter	Enter	Confirm what you just input
28		Recorded TV	Start the Recorded TV function
30		Mute	Turn off the vol immediately
31	i	More	Provide information of the current status
32	1	1	Number 1
33	2	2	Number 2
34	3	3	Number 3

No.	ICON	Function	Function Description
35	4	4	Number 4
36	5	5	Number 5
37	6	6	Number 6
38	7	7	Number 7
39	8	8	Number 8
40	9	9	Number 9
41	0	0	Number 0
42	*	*	*
43	#	#	#
44		Zoom	Setup Zoom
45		Angle	Setup Angle
46		Audio	Setup Audio
47		Subtitle	Setup Subtitle

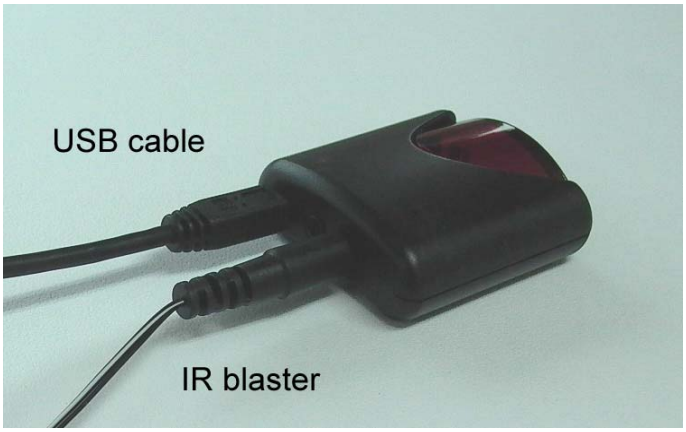
Troubleshooting：

Question	Possible Reason	Solution
RC125 Remote Control doesn't work	● No battery installed, battery dead, or the batteries are not installed properly ● Un-correct MCE installation ● Un-properly connection between the receiver and the computer	● Check the battery installation and correct it ● Check the installed MCE program ● Check the connection between the receiver (USB port) and computer (USB port) and correct it

Appendix – Learning Function

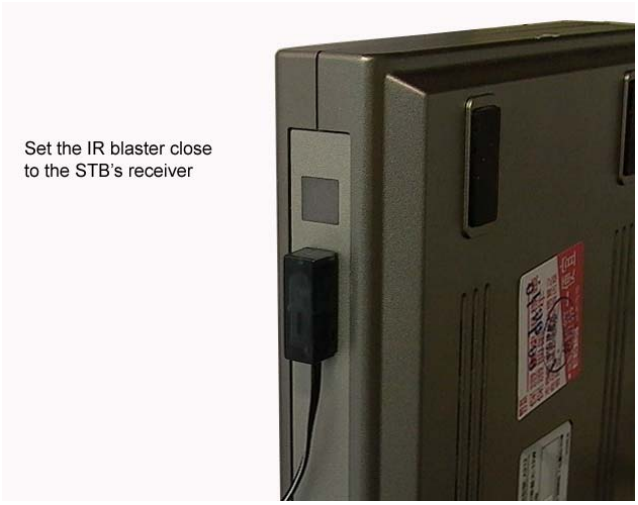
- **Setup of IR606, IR blaster, USB cable, TV tuner card, Set-Top Box (STB), and remote control**

1. Plug the IR blaster and USB cable on the IR606



2. Connect the 4-in-1 video input cable to the TV tuner card then plug video cable (Yellow connecter) and audio cable (Red-White connecter) to the STB and TV tuner card individually. Remark: 4-in-1 video input cable is provided by video capture card or TV tuner card. Video cable and audio cable are provided by STB

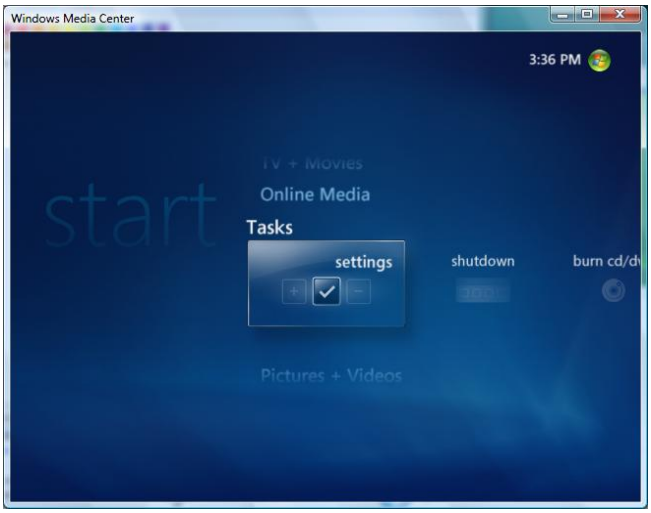
3. Attach the IR blaster close to the STB receiver



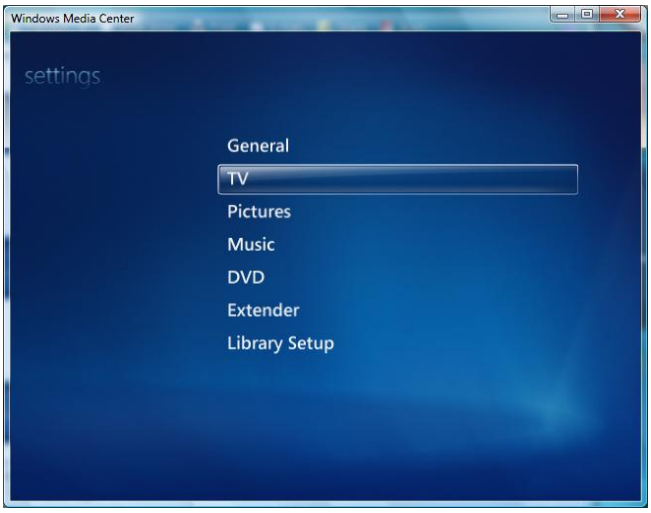
4. When doing the learning, please make your remote control of STB aim at the IR606 closely (5 centimeter or less)

- **Start to the Learning Function of IR606**

5. Use your MCE remote control to start Windows Media Center and choose Tasks → choose Settings

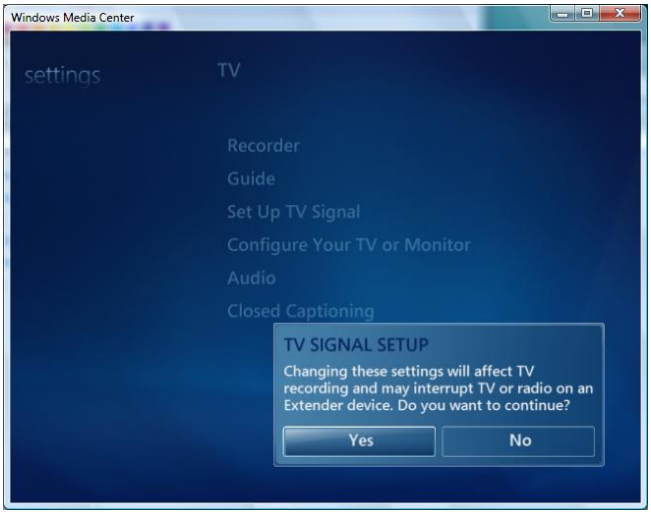


6. Choose TV



7. Choose Set Up TV Signal

8. Confirm the TV Signal Setup



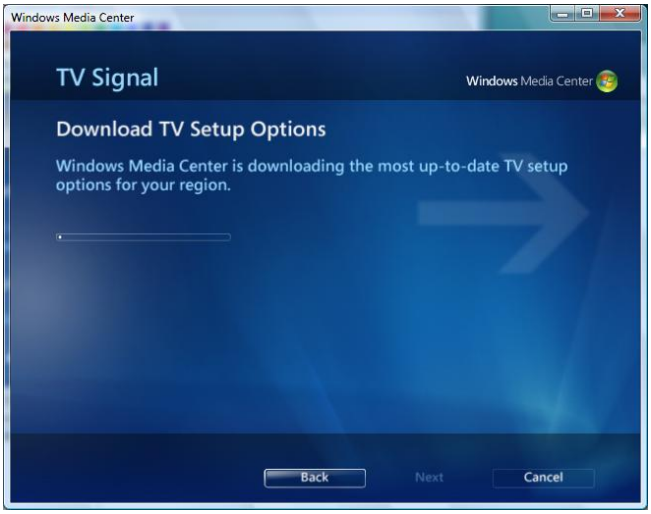
9. Start to Set Up Your TV Signal

Windows Media Center
TV Signal
Windows Media Center
Set Up Your TV Signal
Select Next to begin configuring your TV signal to work with Windows Media Center.
Next
Cancel

10. Choose the Region you are belong to

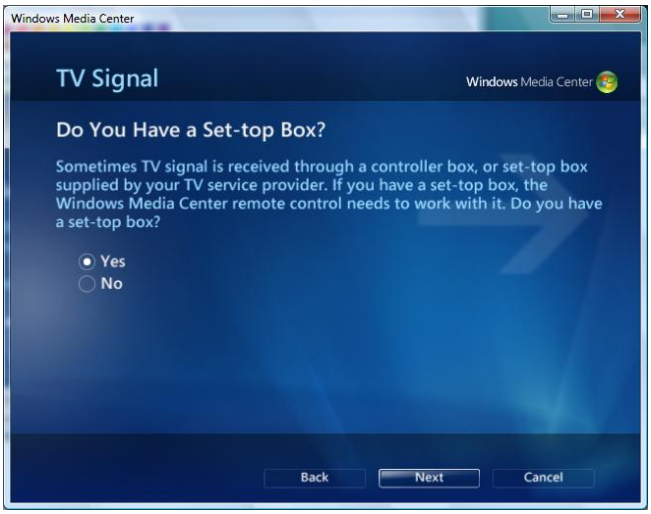
Windows Media Center
TV Signal
Windows Media Center
Confirm Your Region
The region you select is used to configure your computer for local television services.
Region: Taiwan
Is this the correct region?
Yes, use this region to configure TV services
No, I want to select a different region
Back
Next
Cancel

11. Link to Internet to download the TV service setup options



12. Choose the way you receive the TV Signal

13. Make sure whether you have a set-top box or not?


Windows Media Center
TV Signal
Windows Media Center
Do You Have a Set-top Box?
Sometimes TV signal is received through a controller box, or set-top box supplied by your TV service provider. If you have a set-top box, the Windows Media Center remote control needs to work with it. Do you have a set-top box?
Yes
No
Back
Next
Cancel

14. Before you set up your set-top box, you need to check the listed items

Windows Media Center
TV Signal
Windows Media Center
Prepare for Set-top Box Setup
You need to set up your Windows Media Center remote control to work with your Cable box connection. Make sure of the following:
• Each of your set-top boxes is turned on
• Your TV signal is connected to each set-top box
• Your set-top boxes are connected to your computer
• An IR control cable is correctly positioned for each set-top box
Refer to your hardware documentation for more information.
Back
Next
Cancel

15. Select the input TV Signal

16. Make sure if your set-top box works with a remote control

17. A message telling you that you are going to the identification process to check if your STB remote is already included in the MCE's database

Windows Media Center
TV Signal
Windows Media Center
Identify Set-top Box Remote
You can use your set-top box remote control to identify the codes that Windows Media Center uses to control your set-top box.
On the next screen, you will be asked to press one or more buttons on your set-top box remote control. If your set-top box remote is capable of controlling multiple devices (set-top box, TV, VCR) please check that it is set to the mode that controls your set-top box before proceeding.
Back
Next
Cancel

18. Please follow the instruction to identify the set-top box remote from number"0"

19. If the set-top box remote is not recognized, confirm whether to do the learning

Windows Media Center
TV Signal
Windows Media Center
Remote Not Recognized
Windows Media Center didn't recognize your set-top box remote.
If you have a multifunction remote, please check now to ensure it is in the correct mode by using it to change channels on your set-top box.
Have Windows Media Center try to recognize the remote again
Have Windows Media Center learn my remote from scratch
Back
Next
Cancel

20. Make the set-top box remote aim at learning IR receiver under an efficient distance

Windows Media Center
TV Signal
Windows Media Center
Prepare to Identify Remote
With your help, Windows Media Center will now try to identify what type of set-top box remote control you have.
Please do the following:
• Point the set-top box remote directly at the remote sensor
• Hold the remote so that it is almost touching the remote sensor
You will be asked to press each button on the set-top box remote at least two times.
Back
Next
Cancel

21. Confirm whether you have a button to do the change

Windows Media Center
TV Signal
Windows Media Center
Channel Change Buttons
Some set-top boxes use another button, such as Enter or OK, to change channels. Does your set-top box remote control have a button like this on it?
Yes, it does
No, it does not
Back
Next
Cancel

22. Start to learn, total 13 keys (0~9,channel up, channel down, and ok) or 12 keys(0~9, channel up, channel down)

23. After the learning is done, pick up your Windows Media Center remote to go next. From now on, the MCE remote RC125 can replace the remote control of set-top box to switch channels

Windows Media Center
TV Signal
Windows Media Center
Set-top Box Codes Learned Successfully
Windows Media Center has learned the codes for your set-top box remote.
Please put down the set-top box remote and pick up your Windows Media Center remote.
Back
Next
Cancel

24. The maximum of digit numbers your set-top box can support

25. Let the IR blaster attached to the set-top box receiver and use your MCE remote control to select the channel you want.

Windows Media Center
TV Signal
Windows Media Center
Test Channel Changing
Using your keyboard or the numeric keypad on your Windows Media Center remote control, enter a channel number that you know you are able to receive through your set-top box.
2
The set-top box changed the channel correctly
The set-top box did not change the channel correctly
Back
Next
Cancel

26. Check whether the channel is changed correctly

Windows Media Center
TV Signal
Windows Media Center
Test Channel Changing
Using your keyboard or the numeric keypad on your Windows Media Center remote control, enter a channel number that you know you are able to receive through your set-top box.
2
The set-top box changed the channel correctly
The set-top box did not change the channel correctly
Back
Next
Cancel

27. Set the IR Signal Speed with channel up & channel down to make sure it works ok

Windows Media Center
TV Signal
Windows Media Center
Set IR Signal Speed
To determine the speed at which Windows Media Center should send signals to your set-top box, use the channel up or channel down button on the Windows Media Center remote control to change channels at least six times.
2
IR signal speed: Fast
The channel changed correctly
The channel did not change correctly
Back
Next
Cancel

28. Set IR Signal Speed

29. TV Signal done, meaning you finish the whole learning process

Windows Media Center
TV Signal
Windows Media Center
You Are Done!
You have configured your TV Signal to work with Windows Media Center. The following settings will be saved:
TV Signal: Cable, Set-top box codes learned
Making changes to your TV signal source may require you to reset your TV Program Guide listings. Select Set Up Guide listings to do this now, or select Return to TV Settings to finish.
Set Up Guide listings
Return to TV Settings
Back
Finish